

CPSC 203

Week 1 Lab 2

Databases

Recap

- Basic concepts:
 - Tables
 - Primary Key
 - Relationships

MS Access 2007

- Create Database.
- Create Tables
 - Design View
 - Datasheet view
- Create queries.

Creating Tables

- **Design View:**
 - When you are designing the table.
 - Schema of the table.
 - Setting the primary key.
- **Datasheet view:**
 - When you are populating the table.
 - Adding data to the table.

Create forms

- Forms are the interface to tables that allows:
 - Create
 - Retrieve
 - modify and
 - delete information

Creating Query

- Query are used to retrieve information from table(s).
- Asking the database questions about the data.
- For simple query:
 - Use simple query wizard
- Parts of a query:
 - What you want to know
 - From where you want the DB to get it (which table)
 - Criteria (if any)

Create Reports

- Present information collected through query in a professional way.

Exercise

- Create a database for storing student's information and info on the school they are studying.
- Create some queries.